



Naval Aviation:

“Shaping and Dominating the Battlespace... anywhere, anytime.”

Rear Admiral Nathman
Director, Air Warfare Division



National Military Strategy

- Strategic agility
- Overseas presence
- Power projection
- Decisive force

Joint Vision 2010

- Dominant maneuver
- Precision engagement
- Full dimensional protection
- Focused logistics

“Naval Expeditionary Forces are tailored to shape and directly influence events for any crisis or conflict... anytime, anywhere.”

Current Operational Realities



- *“Where is the closest carrier?”*
 - The first question during any crisis
- *“The only thing that can replace a Carrier Battle Group is another Carrier Battle Group.”*

Increasing need for Naval Expeditionary Forces and Naval Aviation

Increasing Need for Naval Aviation



- The enabler for Naval Expeditionary Forces
- Sustained power projection
- Precise, lethal and coherent
- Complements the full spectrum of operations conducted with Naval Expeditionary Forces
 - Air presence
 - Battle space shaping
 - CAS
 - Airborne Mine Countermeasures
 - Surveillance

Vision



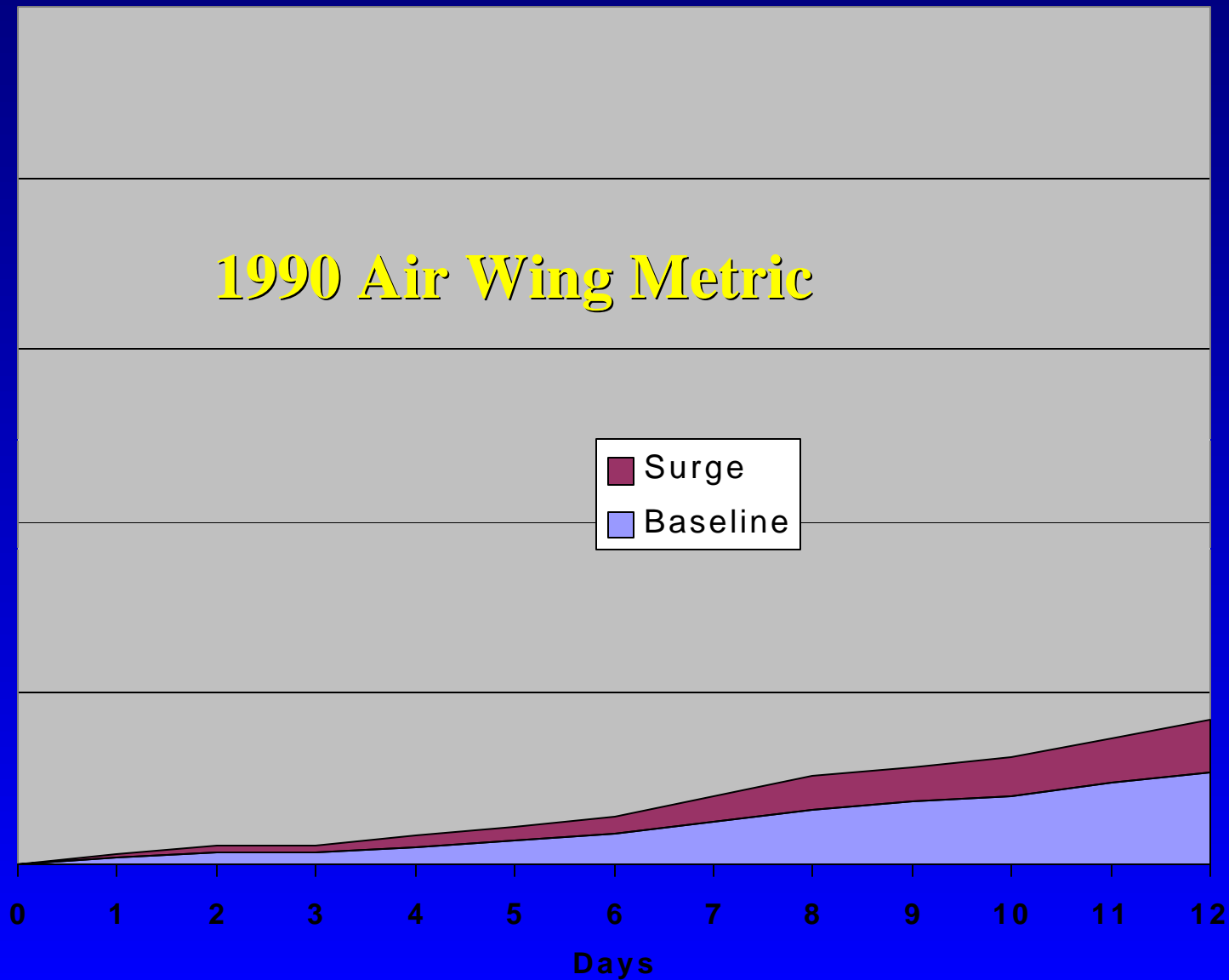
- Naval Aviation will lead and enable two revolutions:
 - Revolution in Strike Warfare
 - Revolution in Network Centric Warfare

Revolution in Strike Warfare



1990 Air Wing Metric

Targets

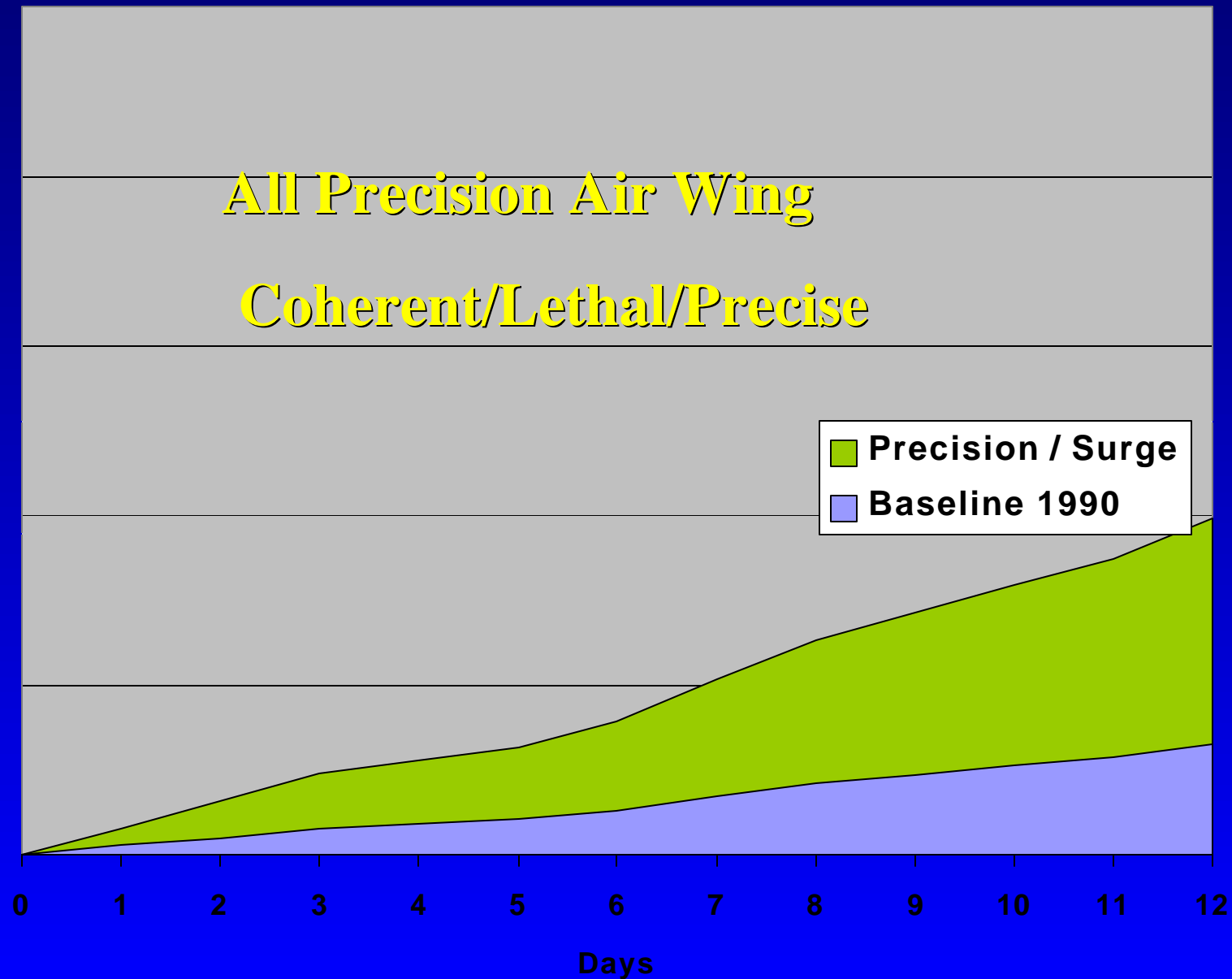


Revolution in Strike Warfare



All Precision Air Wing
Coherent/Lethal/Precise

DMPIs

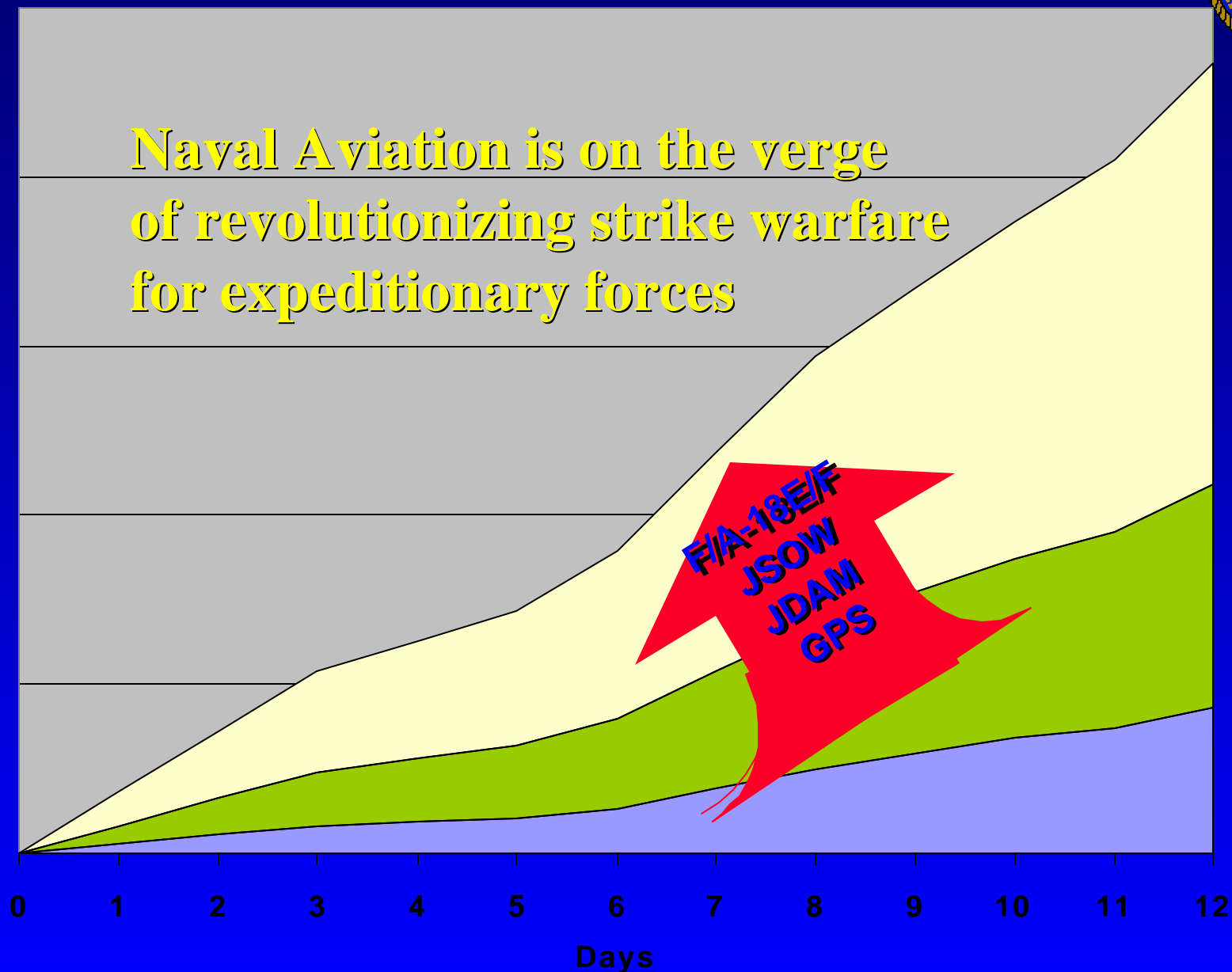


Revolution in Strike Warfare



Naval Aviation is on the verge
of revolutionizing strike warfare
for expeditionary forces

DMPI's



“Naval Aviation will enable the next revolution... Network Centric Warfare”



- What is it?
 - The right information to the warfighter
 - The synergy of the network is more powerful than the sum of the platforms
- Divided into three planes
 - Force command / Planning
 - Tactical control
 - Engagement/execution

Network Centric Warfare

“Naval Aviation: the key enabler”



- Collaborative planning
 - TAMPS
- Command and Control
 - P-3 AIP
 - Link 16
 - » JTIDS
 - » MIDS
- Engagement
 - CEC
 - JSOW/JDAM
 - F/A-18E/F
 - SH-60R
 - CH-60

- 
- A collage of military aircraft and weapons. In the top left, a fighter jet is shown in flight. In the top right, a stealth bomber is depicted. In the center, a missile is shown in flight. In the bottom left, a ship is visible. In the bottom right, a large explosion is shown. The background is a light blue gradient.
- UAVs
 - RMP
 - AESA
 - Advanced weapons
 - ATA/ATR
 -

Unmanned Vehicles



- UCAV
 - Evolution from current family of stand-off weapons -- SLAM-ER, JSOW
- UAV
 - TUAUV
 - MAE/HAE

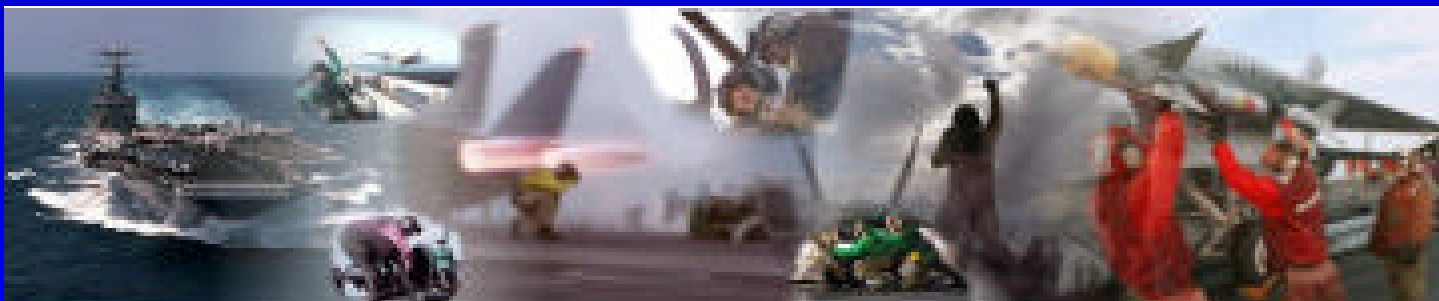


Naval Expeditionary Forces:

“America’s enduring national asset”



- Ever increasing relevance of Naval Expeditionary Forces to America’s deterrence and defense
- Naval Aviation is the enabler for Naval Expeditionary Forces





Back-up



Where We Are Going

Organic Mine Countermeasures Systems

